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		Application Number	10/543,0		ATTION IN	
TRANSMITTAL		Filing Date	July 21,	2005	***************************************	
FORM		First Named Inventor	Alan K.	Alan K. SNELL		11-4-1
		Art Unit	TBD		****	
(to be used for all correspondence after initial	filinal	Examiner Name	TBD	TBD		
Total Number of Pages in This Submission	Allomey Docket Number	1032.036	3			
	ENCI	LOSURES (Check &	ill that apply)		
Fee Transmittal Form		Drawing(s)				Allowance Communication to TC
Fee Attached		icensing-related Papers			of Apr	eals and Interferences
Amendment/Reply	1 ' '	Petition				il Communication to TC Il Notice, Brief, Reply Brief)
After Final	1)	Petition to Convert to a Provisional Application			Propri	etary Information
Affidavits/declaration(s)		Power of Attorney, Revocat Change of Correspondence			Status	Letter
Extension of Time Request		Forminal Disclaimer		Other Enclosure(s) (please lo		
		Request for Refund		1.	below).
Express Abandonment Request				1		•
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I. I Incomplete Application Reply to Missing Parts	t					tatement Form PTO/SB/08A
under 37 CFR 1.52 or 1.53	(o pages	s); and Information Discl	osure state	ment F	om Fi	Orsoloop (1 page).
	<u>.</u>					
	TURE O	F APPLICANT, ATT	ORNEY, C	RAG	ENT	
	O. Box 47	1581, Charlotte, NC 2824	17		,	
/Chad D. Tillman/	Signature /Chad D. Tillman/					
Printed name Chad D. Tillman						
Pate August 19, 2005 Reg No. 38,634						
CERTIFICATE OF TRANSMISSION/MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTQ or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:						
Signature /Chad D. Tillman/						
Typed or printed name Chad D. Tillman Dete August 19, 2005					August 19, 2005	

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PAGE 1/13 * RCVD AT 8/19/2005 12:03:11 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/29 * DNIS:2738300 * CSID:7042486298 * DURATION (mm-ss):05-16



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/543,047

Confirmation No.

TBD

Inventor

Alan Kay SNELL

Filed

July 21, 2005

TC/AU

TBD

Examiner

TBD

Docket No.

1032.036

Customer No.

36790

August 8, 2005

Via Facsimile (571) 273-8300

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In compliance with the Applicant's duty of disclosure under 37 CFR §1.56, Applicant brings the attached documents cited on the attached forms PTO/SB/08A and PTO/SB/08B to the attention of the U.S. Patent and Trademark Office in accordance with the provisions of 37 CFR §1.97-98.

Additionally, Applicant notes that several international and foreign references are listed that are not in English. Applicant lists in conjunction with each such reference a full translation into English of the reference where Applicant has such translation, and Applicant accordingly checks the appropriate box on Form PTO/SB/08A. Applicant further lists in conjunction with each such reference a translation of only the abstract of the reference into English where Applicant only has such translation, and Applicant also checks the appropriate box on Form PTO/SB/08A. In this scenario, the word "Abstract" is parenthetically found after the reference number to indicate that only the translation of the abstract into English is listed and not a full translation.



Appl. No. 10/543.047 IDS dated August 8, 2005

Applicant submits that each international and foreign reference that is not translated is listed for what is disclosed in the drawings and figures thereof.

Applicant submits that each international and foreign reference for which a translation is provided is listed for what is disclosed not only in the drawings and figures thereof, but also for what is disclosed in such translation.

Applicant draws particular attention to the following references as being of particular interest to Applicant:

Reference No.	Inventor	Date	Translation Provided
US 2005/0015052 AT	Klippen et al.	01/20/2005	N/A
US 2,764,859	Hanselmann	10/02/1956	N/A
US 2004/0167489A1	Kellenberger et al.	02/14/2003	N/A
JP 2002337814A	Kurimoto Hiroshi	11/27/2002	Abstract
JP 2001114214A	Nakanishi Akira	04/24/2001	Full Translation
JP 10-095481A	Narawa Mika et al.	04/14/1998	Full Translation
JP 05-139473A	Masaki Jo et al.	06/08/1993	Abstract
JP 04-339724A	Kaneda Takashi	11/26/1992	Full Translation

Nothing herein including the submission of the documents themselves, whether in this or any other filing—constitutes an admission by Applicant that any of the documents is prior art with respect to the present invention, or a waiver of any rights of Applicant. Indeed, while each citation includes a date, it should be understood that, whether expressly stated or not, the date specified in the citation is a date as alleged by the document or otherwise, and Applicant neither admits nor denies the correctness of the specified date at this time. Moreover, with regard to nonpatent documents. Applicant neither admits nor denies that each document submitted is, in fact, a "publication" within the meaning of 35 U.S.C. § 102.



Appl. No. 10/543,047 IDS dated August 8, 2005

This application is a continuation-in-part of, and claims priority to, U.S. Patent Application No. 10/665,169, filed September 18, 2003, which is a nonprovisional patent application of, and claims priority to, U.S. Patent Application No. 60/451,433, filed March 4, 2003.

According to 37 CFR § 1.98(d), copies of the documents are not required and have not been submitted because they are currently of record in U.S. Patent Application No. 10/665,169, filed September 18, 2003, on which this application relies for the benefit of an earlier filing date under 35 U.S.C. § 120.

Respectfully submitted, TILLMAN IVSAN, PLLC

Chad D. Tillman U.S. Reg. No. 38,634

Mado Tolman

Tel. (704) 248-6292 Fax (877) 248-5100

PTO/\$8/088 (08-03) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patont and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Complete If Known				
Subandie 10 (2011 144-), (C	Application Number	10/543,047			
INFORMATION DISCLOSURE	Filing Date	July 21, 2005			
STATEMENT BY APPLICANT	First Named Inventor	Alan Kay SNELL			
(Use as many shoots as necessary)	Art Unit	TBD			
(OSC as many shoots as necessary)	Examiner Name	TBD			
Sheet 1 of 1	Attorney Docket Number	1032.036			

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No ¹ .	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Translation of Narawa et al., Japanese Patent Application JP 10-95481 (translation performed by Jinhee Na, CICS Language Solutions, Inc.).	
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique distained designation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gethering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or auggestures for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED HORMS TO THIS ADDRESS. SEND TO Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Cor	Complete If Known				
Application Number	10/543,047				
Filing Date	July 21, 2005				
First Named Inventor	Alan K. Snell				
Art Unit	TBD				
Examiner Name	TBD				
Attorney Docket Number	1032 036				

Examiner	Cité	Document Number	Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No 1	Number-Kind Code ² (Faceard	··· MM-DD-YYYY	Applicant of Cited Document	Relevant Passages of Relevant Figures Appear
		^{US-} 2003-0073970 A1	04-17-2003	Suga	
		US- 2002-0078665 A1	06-27-2002	Salman	
		US- 2002-0079246 A1	06-27-2002	Ling	
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		^{US-} 2004-0167489 A1	08-26-2004	Kellenberger	
		^{US-} 2004-0167490 A1	08-26-2004	Nelson	
		US- 2004-0167493 A1	08-26-2004	Jarpenberg	
	_	US- 2004-0168947 A1	09-02-2004	McDonald	
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		US- 2004-0176735 A1	09-09-2004	Snell	
		US- 2005-0015052 A1	01-20-2005	Klippen	
*****		^{US} • 1,994,135	03-12-1935	Horowitz .	

Examiner Initials*	Cite No '	Foreign Patent Document	Publication Oate	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁶ (4 known)	MM-DD-YYYY		Or Relevant Figures Appear	1'
		WO 89/00037	01-12-1989	Froidh		
		WO 90/01311	02-22-1990	Rawlings		
		WO 95/32698	12-07-1995	LaVon		
		WO 96/41753	12-27-1996	Bauer		
		WO 97/33815	09-18-1997	Mattiasson		
		WO 98/57675	12-23-1998	Kalentun		

- 6	Examiner	Date	
- 1	Signature	Considered	
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Sheet 2



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Complete if Known Substitute for form 1449/PTO Application Number 10/543,047 Filing Date July 21, 2005 **INFORMATION DISCLOSURE** First Named Inventor Alan K. Snell STATEMENT BY APPLICANT Art Unit TBD (U\$4 as many sheets as necessary) Examiner Name TBD 1032.036

Attorney Docket Number

	1 80			DOCUMENTS	
Examinor Initials*	Cite No.	Document Number Number-Kind Code ^{2 (f knowl)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		US- 2,145,137	01-24-1939	Sayers	
		^{U\$-} 2,935,828	05-10-1060	Mahaffy	
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		Country Code ³ *Number ⁴ T/Grid Codo ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ".
		WO 99/03436	01-28-1999	Hammons		
		WO 00/19953	04-13-2000	Tameishi		
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		WO 01/64156 A1	09-07-2001	Clark		
		WO 02/085271 A1	10-31-2002	McManus		
		WO 02/094678 A1	12-28-2002	Kondo		

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Signature	·	Considered

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Substitute for form 1449	P/PTO	Complete if Known		
	-	Application Number	10/543,047	
INICADRAAT	TON DISCLOSURE	Filing Date	July 21, 2005	
		First Named Inventor	Alan K. Snell	
STATEME	NT BY APPLICANT	Art Unit	TBO	
(Use as n	any sheets as necessary)	Examiner Name	TBD	
Sneet 3	of 18	Attorney Docket Number	1032.036	

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Chical)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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	Ī	US- 4,598,528	07-08-1986	McFarland .	
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Examiner Initials*	Cite No 1	Foreign Patent Document	Publication Oale	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whore Relevant Passages	
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	ł	WO 02/096331 A2	12-05-2002	Hirotsu		
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		EP 0747295 A1	12-11-1996	Bauer		

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Examiner			Date		
Signature			Considered		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/543,047 Filing Date July 21, 2005 First Named Inventor Alan K. Snell Art Unit TBD Examiner Name TRD Afforney Docket Number 1032.036

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (s Annual}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagos, Columns, Lines, Where Rolevant Passages or Relevan Figures Appear
		ນຣ 5,255,817	10-26-1993	Reiland	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code ³ Number ⁴ Kind Code ³ (if known)	WW-DD-AAAA		Or Relevant Figures Appear	T
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Examiner	Date	
Signature	Consid	derad

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Translation is attached.
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete If Known Application Number 10/543,047 Filing Date July 21 2005 First Named Inventor Alan K. Snell JINU TIA TBD Examiner Name TBD Attorney Docket Number 1032.036

Examiner Initials*	Cite No 1	Document Number Number-Kind Code ^{2 (f Antonia}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	Со	mplete if Known	
	Application Number	10/543,047	
	Fiting Date	July 21, 2005	
	First Named Inventor	Alan K. Snell	
	Art Unit	TBD	
	Examiner Name	TBD	
•	Attorney Docket Mumber	1022 026	

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Examiner (nitia)s*	Cito No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
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Signat	ure		. Considered	

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Substitute for form 1449/PTO	Complete if Known				
,	Application Number	10/543,047			
INFORMATION DISCLOSURE	Filing Date	July 21, 2005			
	First Named Inventor	Alan K. Snell			
STATEMENT BY APPLICANT	Art Unit	TBD			
(Use as many sheets as necessary)	Examiner Name	TBD			
Sheet 7 of 8	Attorney Docket Number	1032.036			

Exeminer	Cite No.1	Document Number	Publication Dale	Name of Patentes or	Pages, Columns, Lines, Where
initiats*	No.		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan
		Number-Kind Code ^{7 (f hours)}			Figures Appear
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1			Considered		
	Signature		Countrice	l	

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Examiner Initials*	Citc No.1	Document Number Number-Kind Code ^{2 (Chrose)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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1	Examiner	Date	
ı	Signature	Considered	
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